NATHAN ANG

EDUCATION

Monta Vista High School
August 2014 - Current
Class of 2018, 3.90 GPA (UW)

SUMMARY

I am currently a Junior at Monta Vista High School and am interested in the field of Electrical and Computer Engineering. I love learning, am not afraid of hard work, and hope to one day make a positive difference in the world.

SKILLS

CODING: C++, Java, HTML, CSS
ELECTRONICS: Arduino, Raspberry Pi, Particle

ACTIVITIES

Competitivive Tennis — Jan 2008 to Current
Played tennis since I was six years old, was on the Monta Vista Varsity Team, and was nationally (Highest was Top 300 nationally on TennisRecruiting in Class of 2018) and locally ranked (Highest was USTA Top 15 in Northern California).

VOLUNTEERING

Second Harvest Food Bank — Aug 2015 to Current
Santa Clara, California
Sorted surplus food into rationed boxes to be delivered to the homeless and families in need.

Lincoln Elementary School — Aug 2015 to Current
Cupertino, California
Aided elementary school students in need of help.

CONTACT

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Cupertino, California

EXPERIENCE

Monta Vista Class Office of 2018 — Cupertino, California
Social Manager — Aug 2016 to Current
Elected as a Class Officer for the Class of 2018. Made sure students felt included at school, and that they had something to remember from high school outside of academics by organizing social school events, such as dances, rallies, and class bonding activities.

Monta Vista Legislative Council — Cupertino, California
Member — Aug 2016 to Current
Participated in making school-related decisions, such as the passing of club proposals.

Monta Vista Technology Student Association Club — Cupertino, California
Director of Technology — Aug 2016 to Current
Organized club meetings for technology and science competitions for high-school students.

Cupertino Hills Swim and Racket Club — Cupertino, California
Assistant Webmaster — Apr 2016 to Current
Maintained the website of my local sports club.

AWARDS

San Mateo Hackathon · First Place — Jan 2017
Awarded first place at SMHacks for creating the best project in a team of four within 24 hours.

U.S.A. National Computing Olympiad · Gold Competitor — Dec 2016
Scored 1000/1000 on the 2015 December Bronze Division Contest, and 1000/1000 on the 2016 December Silver Division Contest.

Stanford Programming Contest · First Place (Div. 2) — May 2015
Awarded first place in the Stanford Programming Contest for high school students in a team of three by quickly solving algorithmic programming challenges.

SoundPost Youth · "Conserve Water!" Video Contest Finalist — Aug 2016
Placed Top 10 for a film I directed and edited regarding California's drought.

U.S.A. Tennis Association · Sportsmanship Award — Oct 2016
Won a total of eleven sportsmanship awards throughout tennis career for displaying the highest standards of etiquette, respect for opponent, and respect for the game during competitive matches.

PROJECTS

Cupertino Connect — Apr 2017 to Current
IoT Implementation with Particle Electron to increase connectivity in Cupertino through city-established buttons at various Cupertino locations that work with Android app.

DMS (Donation and Motivation Service) — Jan 2017 to Current
Utilized HTML, CSS, Redux, React.js, Node.js, Angular.js, Stripe, and PubNub, in a team of four to make a functioning web application that helps users achieve their goals and increases charity donations.

Class Profile Picture Website — Dec 2016 to Jan 2017
Created a website that utilizes HTML, CSS, and JS to fix the problem of students either not being able to express individuality or having to endure the difficulty of getting a picture taken by a Class Officer on campus during the quarterly Class Profile Picture Promo for rallies.

EEG Brain Wave Monitor Headset — Feb 2016 to Apr 2016
Utilized Arduino, MindFlex, and Processing to create a functional and programmable headset that makes measures brain waves.

2-Stroke Gas-Powered Motorized Bicycle — Jun 2016 to Aug 2016
Motorized a bicycle with a 48cc gas motor.

Arduino-Operated Keypad Door Lock with Solenoid — Oct 2015 to Dec 2015
Utilized an Arduino to create a programmable keypad door lock, maximizing efficiency in the energy flow from a wall outlet to a high-power lock-style solenoid.